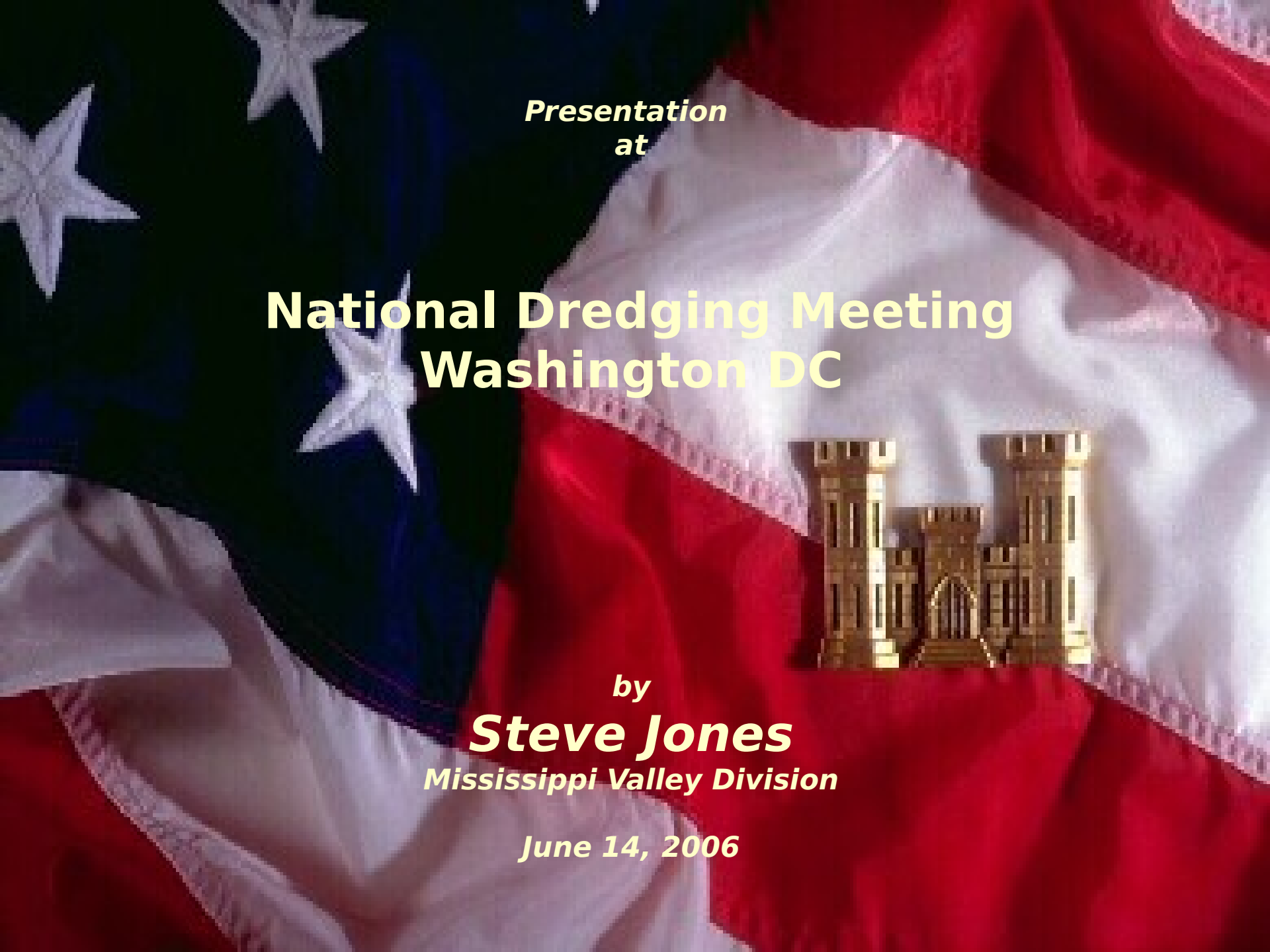

Presentation
at

National Dredging Meeting
Washington DC

by

Steve Jones
Mississippi Valley Division

June 14, 2006

US Army Corps of Engineers®
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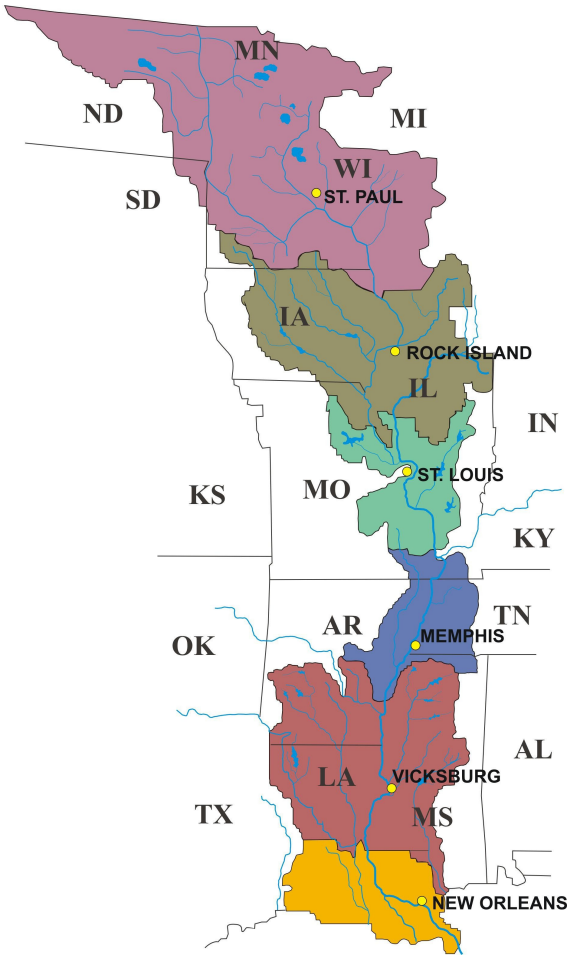
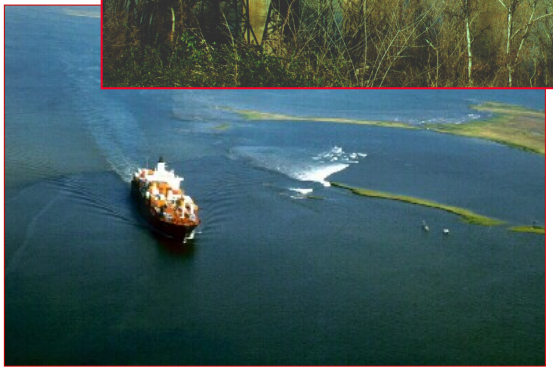


- **5,196 miles of Commercial Waterways**
- **62 Locks & Dams**
- **7 Deep Draft Harbors**
- **51 Shallow Draft Harbors**
- **8300 miles of Levees**
- **44 flood control lakes/reservoirs**

Navigation System

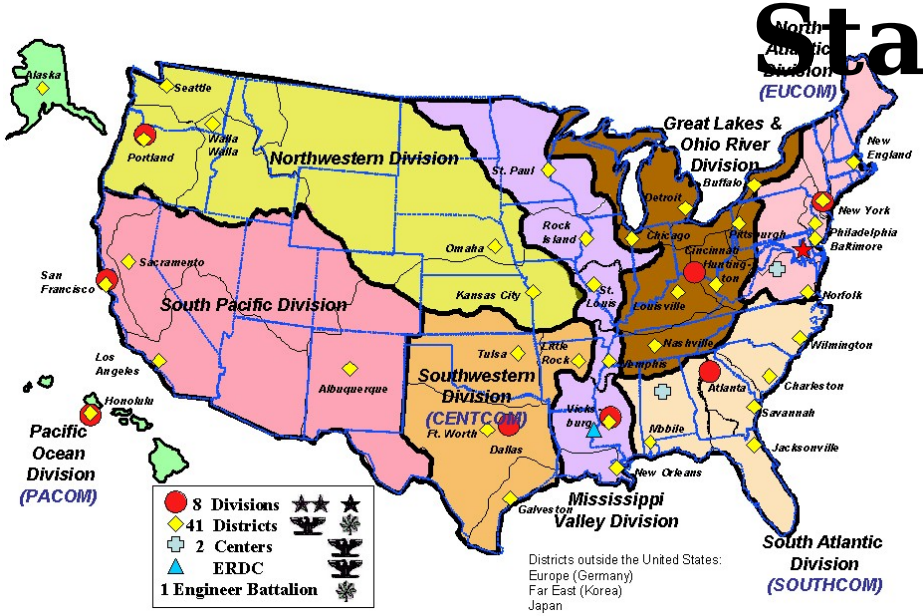


Annual Tonnage - 500 million

Transportation Savings - $2.7 million

Export/Import Value - $50 billion

2004 Dredging Statistics

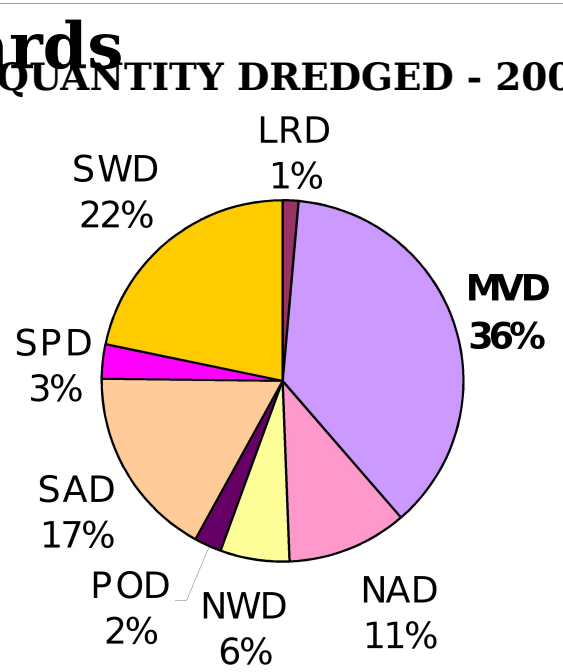


Total US – 274M Cubic Yards

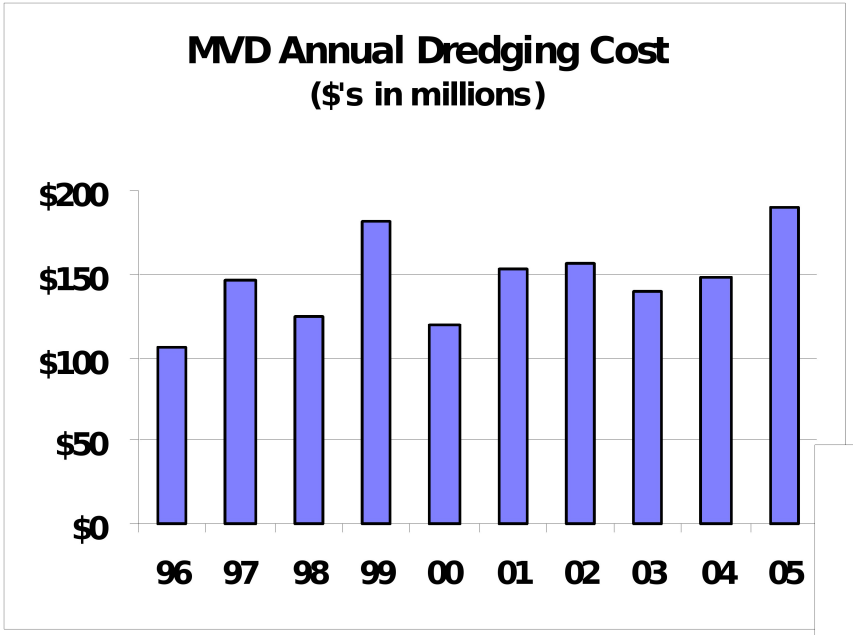
MVD - 102M Cubic Yards

Total US – $903 Million

MVD – $147Million

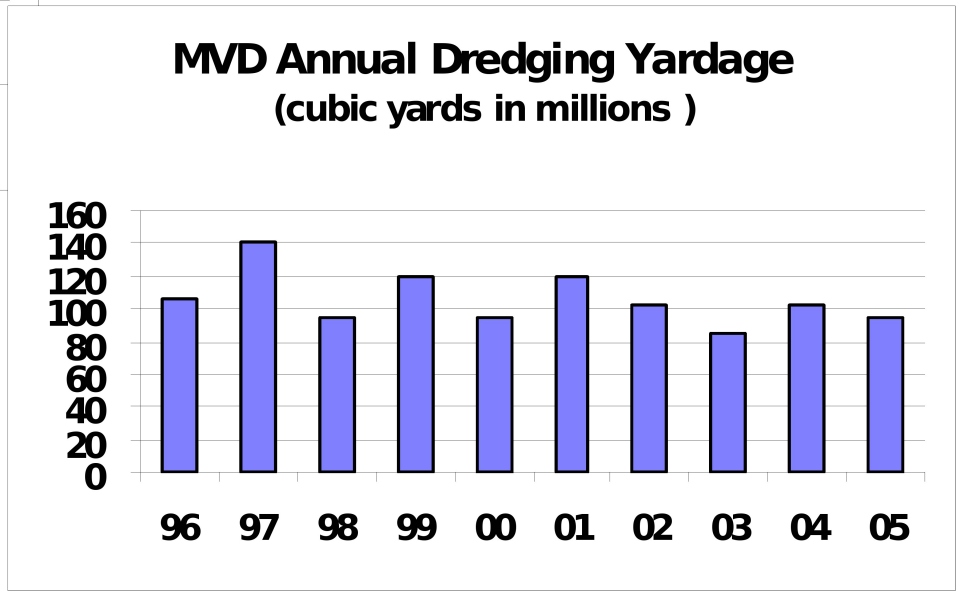


Dredging Statistics



Average Cost
$130 million

Average Yardage
110 million



Current Initiatives

- Risk and Reliability w/ LRD
- ~~Backlog~~ Maintenance Prioritization
- Regional Hired Labor and Service Bases
- Stoplogs and Slots
- Value Engineering - Revetment Operation
- Quality Management Plans
- Regional Sediment Management in DMMP's
- Gulf Coast Joint Hurricane Team
- Waterways Action Plans

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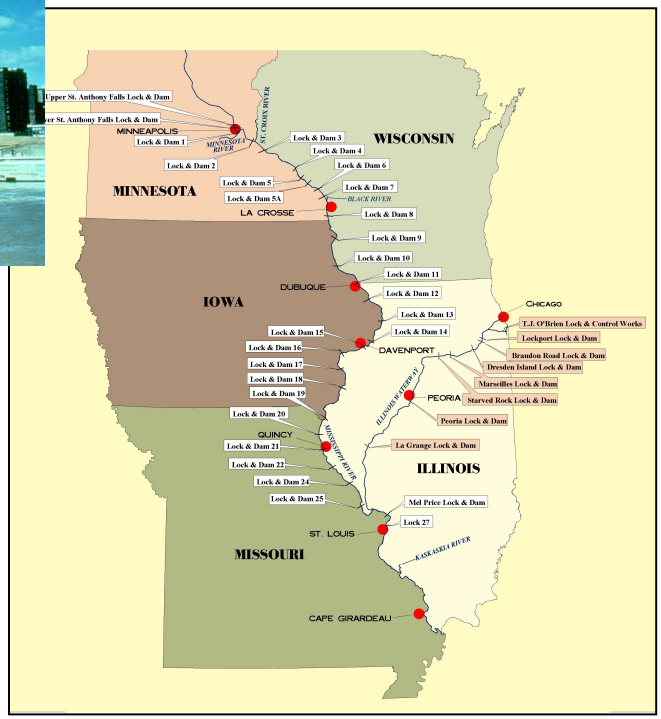
Risk & Reliability Initial Focus

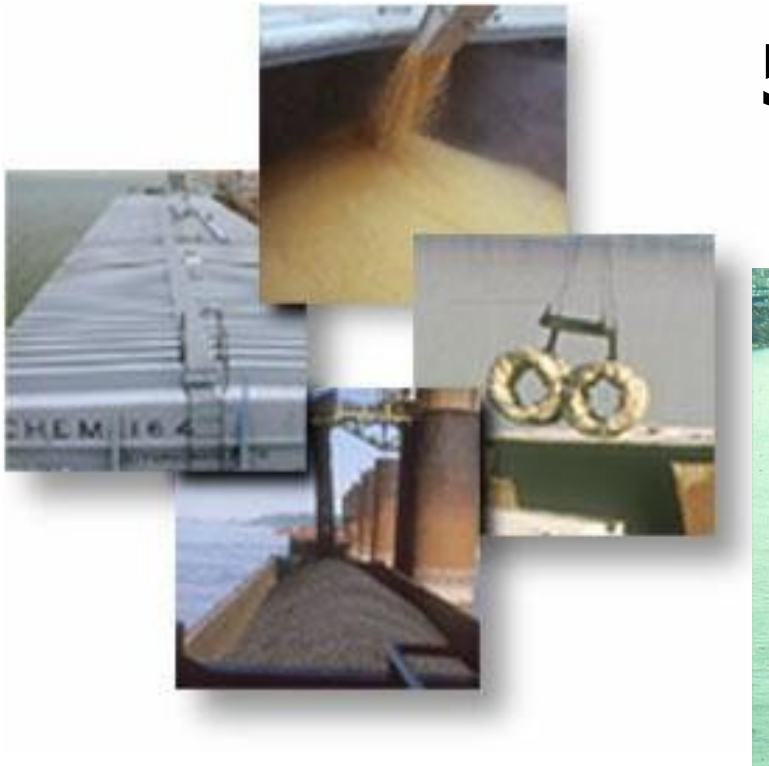


Risk & Reliability
GIWW Focus

MVD Prioritized Maintenance - Weighted Parameters

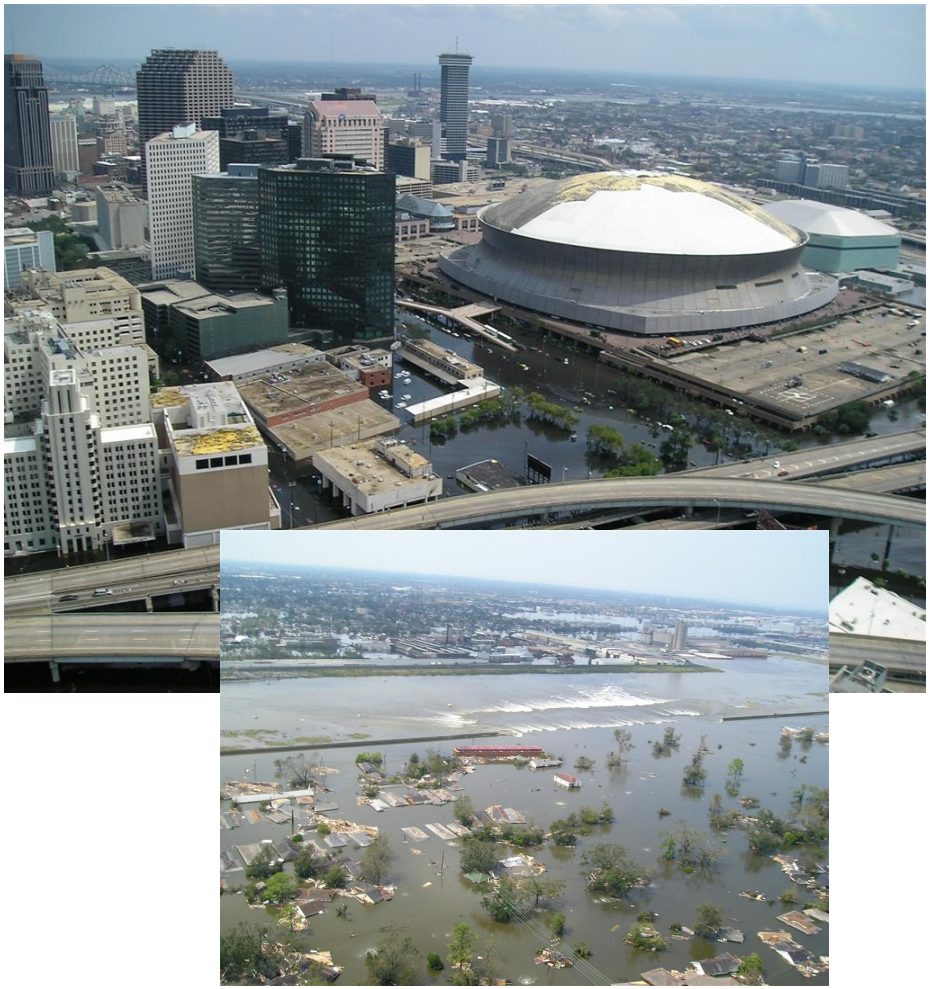
1. LD 27 - Replace Lift Gate Leaves – IWTF - $1,088K
2. LD 27 - Rehabilitate Culvert Valves – IWTF - $2,010K
3. LD 18 - Dam Concrete Repairs - $2,195K
4. LD 3 - Outdraft Correction – IWTF - $2,000K
5. LD 21 - Miter Gate Replacement - $3,700K.
6. LD 3 - WI Embankments Rehabilitation – IWTF - $12,000K
7. LD 27 – Rehabilitate Lock Chamber Culvert Valve Machinery – IWTF - $2,750K
8. Lockport - Approach Dike Repairs - $6,859K
9. LD 11 - Stage III Dam Rehabilitation – IWTF - $13,343K
10. LD 11 - Stage II Lock Rehabilitation – IWTF - $2,180K
11. KRNP - Repair / Replace Bulkheads - $200K
12. LD 27 - Replace Brake Linings for Lock Equipment - $450K
13. LD7 & LD10 - Bulkhead Slots - $5,000K
14. LD 27 - Replace Miter Gate Anchorage - $1,000K
15. LD21 & LD22 - Bulkhead Slots - $2,600K
16. LD Mel Price - Replace Miter Gate Strut - $870K
17. LD 27 - Miter Gate Replacement - $2,500K
18. LD 11, 12 & 13 - Repair or Replace Emergency Gates - $5,680K
19. LD 27 - Concrete Repairs - $200K
20. LD Mel Price - Rehabilitate Miter Gate Cylinders - $467K

Stakeholder Coordination



5-year Plans

Katrina



- Mississippi River, GIWW Closed
- Over 400 Barges Stranded
- Locks and Bridges Inoperable
- Communication Challenges

Recovery

- Mississippi River
  - 12’ – 30 Aug
  - 30’ – 1 Sept
  - 35’ – 2 Sept
  - 39’ – 5 Sept
  - 45’ – 11 Sept
- GIWW
  - Via Baptiste Collette – 6 Sept

Post Katrina Readiness

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Waterways Action Plans

Questions?